

SheerWeave® Style 2701/2703/2705/2710

Specifications

■ Styles 2701, 2703, 2705 and 2710 are woven from a unique twill pattern that displaces the individual yarns to create a two-sided fabric for maximum performance in heat reduction, glare reduction and improved visibility. Style 2701/2703/2705/2710 can also be used in exterior roller shades.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), UBC (Class I), BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), CAN/ULC-S109-03 (large and small scale), and ASTM E 84 (Class 1)

Bacteria and Fungal Resistance: ASTM E 2180, ASTM G22, AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives

Environmental Certification: GREENGUARD Certified, GREENGUARD for Children and Schools Certified and GREENGUARD Select Certified for Commercial, Healthcare and Education

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content, REACH (EC 1907/2006) compliant

Standard Uses: Roll-up shades, Roman shades, folding shades, pleated shades, vertical blinds, panel tracks, sheers and screens

Warranty: 10-year interior; 5-year exterior

TrackLess™: TrackLess Technology minimizes the fiberglass yarns inherent tendencies to track when being rolled up in a shade. With TrackLess Technology these same fabrics now track less, roll up straighter and reduce shade fabrication time.



Style 2701

Standard Widths: 63", 98" and 126" (160cm, 248.9cm and 320cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 36% Fiberglass, 64% Vinyl on Fiberglass

Mesh Weight: 14.6 oz/yd² (495 g/m²)

Fabric Thickness: .027 in (0.66mm)

Openness Factor: Approximately 1%

UV Blockage: Approximately 99%

Style 2703

Standard Widths: 63", 98" and 126" (160cm, 248.9cm and 320cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 36% Fiberglass, 64% Vinyl on Fiberglass

Mesh Weight: 14.0 oz/yd² (475 g/m²)

Fabric Thickness: .028 in (0.71mm)

Openness Factor: Approximately 3%

UV Blockage: Approximately 97%

Style 2705

Standard Widths: 63", 98" and 126" (160cm, 248.9cm and 320cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 34% Fiberglass, 66% Vinyl on Fiberglass

Mesh Weight: 11.8 oz/yd² (379 g/m²)

Fabric Thickness: .025 in (0.64mm)

Openness Factor: Approximately 5%

UV Blockage: Approximately 95%

Style 2710

Standard Widths: 63" and 98" (160cm and 248.9cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 34% Fiberglass, 66% Vinyl on Fiberglass

Mesh Weight: 10.4 oz/yd² (353 g/m²)

Fabric Thickness: .025 in (0.64mm)

Openness Factor: Approximately 10%

UV Blockage: Approximately 90%

* Performance evaluations conducted by Matrix, Inc., Mesa, Arizona.

TS = Solar Transmittance 1/4 CL = 1/4" Clear Glass
 RS = Solar Reflectance 1/4HA = 1/4" Heat Absorbing Glass
 AS = Solar Absorptance 1/2 CL = 1/2" Clear Glass
 TV = Visual Transmittance 1 CL = 1" Clear Glass
 1/8 CL = 1/8" Clear Glass 1 HA = 1" Heat Absorbing Glass

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. Darker colors provide maximum glare reduction and visibility. For complete technical information, current test results, performance specifications and larger samples, contact our Sun Control Marketing Department.



P. O. BOX 1700 • TUSCALOOSA, ALABAMA 35403-1700 U.S.A.
 PHONE: 205/345-2120 • TOLL FREE 1/800-221-5497
 FAX: 205/391-0799 • www.phifer.com

Solar Heat Control Properties of Phifer SheerWeave Style 2701 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/						
		TS	RS	AS	TV	Single			Insulating			
		1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA					
P12	Oyster	21	64	15	17	0.36	0.36	0.33	0.34	0.34	0.26	
P13	Oyster/Beige	15	57	28	12	0.38	0.38	0.34	0.36	0.35	0.27	
P14	Oyster/Pearl Gray	8	54	38	4	0.40	0.39	0.34	0.38	0.37	0.28	
P28	Oyster/Charcoal	5	39	56	6	0.49	0.47	0.39	0.46	0.44	0.32	
P91	Oyster/Pewter	6	43	51	6	0.46	0.45	0.37	0.45	0.42	0.30	
P92	Oyster/Chestnut	6	41	53	6	0.47	0.46	0.38	0.46	0.44	0.32	

Solar Heat Control Properties of Phifer SheerWeave Style 2703 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/						
		TS	RS	AS	TV	Single			Insulating			
		1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA					
P12	Oyster	22	62	16	19	0.38	0.37	0.34	0.35	0.35	0.27	
P13	Oyster/Beige	15	58	27	13	0.39	0.38	0.34	0.37	0.36	0.28	
P14	Oyster/Pearl Gray	9	53	38	9	0.41	0.40	0.35	0.39	0.38	0.29	
P28	Oyster/Charcoal	7	40	53	8	0.50	0.48	0.39	0.47	0.44	0.32	
P91	Oyster/Pewter	8	44	48	9	0.47	0.46	0.38	0.45	0.42	0.31	
P92	Oyster/Chestnut	7	42	51	8	0.48	0.47	0.39	0.46	0.43	0.32	

Solar Heat Control Properties of Phifer SheerWeave Style 2705 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/						
		TS	RS	AS	TV	Single			Insulating			
		1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA					
P12	Oyster	22	62	16	20	0.38	0.37	0.34	0.35	0.35	0.27	
P13	Oyster/Beige	23	54	23	21	0.44	0.43	0.37	0.41	0.39	0.30	
P14	Oyster/Pearl Gray	19	51	30	21	0.45	0.44	0.37	0.42	0.40	0.30	
P28	Oyster/Charcoal	12	40	48	14	0.51	0.49	0.40	0.48	0.45	0.33	
P91	Oyster/Pewter	11	46	43	12	0.46	0.45	0.38	0.44	0.42	0.31	
P92	Oyster/Chestnut	12	43	45	13	0.49	0.47	0.39	0.46	0.44	0.32	

Solar Heat Control Properties of Phifer SheerWeave Style 2710 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	*Solar Optical Properties				Shading Coefficient w/						
		TS	RS	AS	TV	Single			Insulating			
		1/8CL	1/4CL	1/4HA	1/2CL	1CL	1HA					
P12	Oyster	34	54	12	32	0.46	0.45	0.38	0.43	0.41	0.31	
P13	Oyster/Beige	29	51	20	28	0.47	0.46	0.39	0.44	0.42	0.31	
P28	Oyster/Charcoal	21	37	42	24	0.55	0.53	0.42	0.52	0.48	0.35	
P91	Oyster/Pewter	24	43	33	25	0.52	0.50	0.41	0.48	0.45	0.33	
P92	Oyster/Chestnut	25	41	34	26	0.53	0.52	0.42	0.50	0.47	0.34	

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